

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 06-103092

(43)Date of publication of application : 15.04.1994

(51)Int.Cl.

G06F 9/46

(21)Application number : 04-250171

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(22)Date of filing : 18.09.1992

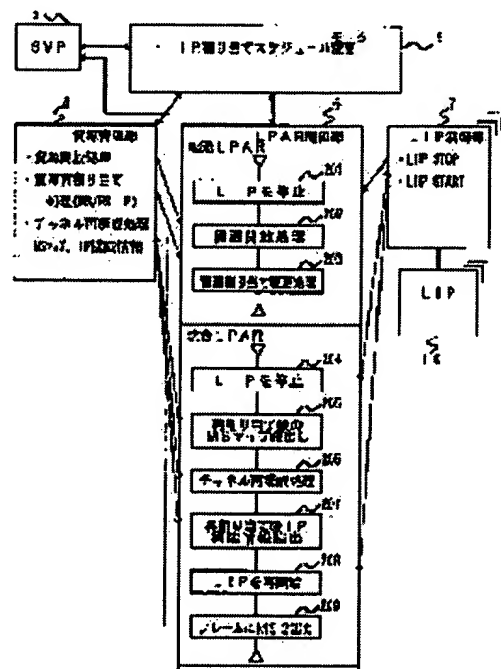
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(54) VIRTUAL COMPUTER SYSTEM

(57)Abstract:

PURPOSE: To dynamically reallocate all resources, allocated to one virtual computer, to other virtual computers.

CONSTITUTION: An LPAR control part for virtual computers LPAR as logically sectioned resources which enters a non-operation state as to the LPAR control part 6 which controls the LPARs stops the OS of the corresponding LPAR and indicates the releasing of the resource of the LPAR corresponding to a resource control part 8 controlling the resource and the reallocation of the resource to other LPARs. The LPAR control part 6 of the LPAR to which the resource is newly allocated stops the OS of the corresponding LPAR and reads new allocation contents out of the resource control part 8. When a channel is additionally allocated, it is reconstituted and when the use rate of an instruction processor IP is added, the rescheduling of the IP is requested to a monitor 9. In another way, a new logical processor is generated and allocated to the corresponding LPAR. Then the OS of the corresponding LPAR is actuated according to the new allocation contents of a main storage MS.



LEGAL STATUS

[Date of request for examination] 20.08.1998.

[Date of sending the examiner's decision of rejection] 26.12.2000

[Kind of final disposal of application other than the
examiner's decision of rejection or application
converted registration]

[Date of final disposal for application]

<http://www19.ipdl.ncipi.go.jp/PA1/result/detail/main/wAAA.laWaPDA406103092P1.html>11/1/2006

[Patent number]	3186244
[Date of registration]	11.05.2001
[Number of appeal against examiner's decision of rejection]	2001-01214
[Date of requesting appeal against examiner's decision of rejection]	25.01.2001
[Date of extinction of right]	